



**Product Specification &**

**SAFETY DATA SHEET**

CHIP / EC FORMAT 91/155/EEC AMD 93/112/EC AMD 2001/58/EC



**B109**  
**FIBRE & FABRIC**  
**RINSE**

**SECTION 1: IDENTIFICATION OF THE PREPARATION AND COMPANY**

**Product Name:** FIBRE & FABRIC RINSE      **Product Code:** B109  
**Manufacturer:** Prochem Europe Ltd., Oakcroft Road, Chessington, Surrey KT9 1RH, UK. Telephone No: 020 8974 1515 (UK) +44 20 8974 1515 (EC) Chemical Product Manager E, H & S  
**Website:** www.prochem.co.uk    **Email:** sales@prochem.co.uk

**Emergency Action:** In the event of a medical enquiry involving this product, please contact your doctor or local hospital accident and emergency department, who may seek advice from the **UK National Poisons Information Service**, where our full product details are held.

**Product Description & Directions For Use:**

A mildly acidic detergent cleaner and rinse agent which can be applied by sprayer or extraction machine to help prevent most colour bleed and cellulosic browning on susceptible carpets and fabrics. Fibre & Fabric Rinse is ideal for use on wool carpets, oriental rugs, cotton and natural fibre upholstery fabrics as well as all types of synthetic fibres. B109 will condition and soften all types of wet cleanable fibres and fabrics and will help restore correct pH by neutralising alkaline cleaners and prespotters. Approved by the "Woolsafe" Organisation for use on wool and wool-rich carpets.

**Portable extractors:** Dilute 10 to 20ml B109 per litre of warm water (1-100 to 1-50).

**Spray treatment:** Dilute 20 to 50ml B109 per litre of warm water (1-50 to 1-20).

**Truck-mount units:** Mix 1 litre B109 with 4 litres of water to make metering concentrate. Set flow meter to 2 gallons per hour. **Always pretest carpet or fabric for colour fastness and possible colour or texture change before proceeding.**

**Do not use on water sensitive fabrics.** Apply through soil extraction machine as a cleaning and rinsing agent after normal cleaning or prespraying procedure.

Alternatively, apply B109 solution by pressure sprayer after normal cleaning procedure. Upholstery fabric should be rinse extracted or sprayed with B109 solution and then blotted with a clean white towel. **Do not mix B109 with other cleaning agents.** B109 may be combined with Prochem deodorisers and sanitisers if stated on the product label.



**SECTION 2: COMPOSITION / INFORMATION ON INGREDIENTS**

SUBSTANCE	RISK (See Section 16)	EINECS NO.	CAS NO.	% W/W (EC RANGE)
Glycolic acid	C R34 Xn R22	201-180-5	79-14-1	Less than 5%
Citric acid	Xi R36/37/38	201-069-1	5949-29-1	Less than 5%
Perfume (IFRA certified)	R10 Xn R65 Xi R36/38 R43 N R51/53	None	None	Less than 1%
Limonene	R10 Xi R38 R43 N R50/53	227-813-5	5989-27-5	Less than 0.1%
Linalool	Xi R36/38	201-134-4	78-70-6	Less than 0.1%
Turpentine Oil (Turpentine)	R10 Xn R65 R20/21/22 Xi R36/38 R43 N R51/53	232-350-7	8006-64-2	Less than 0.01%
Diphenyl oxide (phenyl ether)	Xi R36/37/38 N R51/53	202-981-2	101-84-8	Less than 0.01%

**SECTION 3: HAZARDS IDENTIFICATION**

**Classification:** Not classified as hazardous.

**Eye Contact:** Contact with concentrate may cause moderate to severe eye irritation.

**Skin Contact:** Prolonged contact with concentrate may cause mild irritation.

**Inhalation:** None expected. Exposure to fine spray mists may cause mild irritation of the nose and throat.

**Ingestion:** Ingestion of concentrate may produce nausea and irritation due to acidity.

**Environment:** Raw materials are biodegradable. See Ecological Information for further details.

**SECTION 4: FIRST AID MEASURES**

**Eye Contact:** Flush immediately with water for 15 minutes, then seek medical attention if irritation persists.

**Skin Contact:** Flush skin with plenty of water. Seek medical attention if any skin irritation persists.

**Inhalation:** Get fresh air and seek medical assistance if breathing is difficult.

**Ingestion:** If small amounts are ingested, drink water and seek immediate medical attention. Do not give anything by mouth if patient is unconscious. DO NOT induce vomiting.

**SECTION 5: FIRE FIGHTING MEASURES**

**Extinguishing Media:** Product is not flammable. Use water, carbon dioxide, dry powder extinguisher, or other media appropriate for materials actually involved in fire.

**Fire/Explosion Hazards:** No explosion hazards.

**Decomposition Products:** Exposure to fire may liberate carbon dioxide, carbon monoxide, water and other unidentified thermal decomposition products from this product or its packaging.

**Special Protective Equipment:** Self-contained breathing apparatus for large amounts involved in fire.

#### **SECTION 6: ACCIDENTAL RELEASE MEASURES**

**Personal Protection:** Protective clothing, nitrile butyl rubber gloves, chemical splash goggles.

**Containment and Disposal:** Large spills should be treated with dry absorbent and disposed at legal waste disposal site. Small spills can be flushed with water to sewage drain linked to waste treatment facility.

#### **SECTION 7: HANDLING AND STORAGE**

**Handling Precautions:** Wear nitrile butyl rubber gloves and safety glasses when handling concentrate.

**Storage Precautions:** Avoid extremes of temperature. Keep out of reach of children. Keep in original container.

#### **SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION**

**Exposure Limits:** Turpentine oil WEL-LTEL 100ppm WEL-STEL 150ppm

COSHH health surveillance required for skin sensitisation. Diphenyl oxide (phenyl ether) WEL-LTEL 1ppm

**Environmental Controls:** For additional guidance, contact ENVIROWISE at [www.envirowise.gov.uk](http://www.envirowise.gov.uk) or telephone 0800 585794

**Eye Protection:** Side shield safety glasses are recommended when handling concentrate or during spray application.

**Protective Clothing:** Standard work clothing and nitrile butyl rubber gloves. Protective gloves should be inspected for wear before use and replaced regularly in accordance with the manufacturers specifications.

**Respiratory Protection:** Not normally required. For situations where recommended exposure limits may be exceeded or where there is a risk of inhalation of fine spray mists, a suitable respirator face mask is recommended.

**Ventilation:** Normal air circulation.

**Hygiene:** Wash hands and clothing after use or spill. Do not eat or drink when handling chemicals.

#### **SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

**Appearance/Colour/State:** Low foam pale orange liquid

**Odour:** Orange citrus

**pH Concentrate:** 2.5 **pH Diluted:** 3.5 - 4.5

**Boiling Point / Range °C:** 100

**Flash Point °C:** None **Method:** Not applicable

**Flammability Limit %:** Not applicable

**Explosive Properties:** Not applicable

**Oxidising Properties:** Not applicable

**Vapour Pressure:** Not determined

**Relative Density (Water = 1):** 1.03

**Solubility:** 100%

**Partition Coefficient (N-octanol / Water):** Not determined

**Viscosity:** Not determined

**Vapour Density:** Not determined

**Evaporation Rate:** Not determined

**% Active:** 9.5

**% Solids:** 7

#### **SECTION 10: STABILITY AND REACTIVITY**

**Stability:** Stable

**Conditions to Avoid:** Extremes of temperature.

**Incompatibility (Materials to Avoid):** Strong oxidising or alkaline agents.

**Hazardous Decomposition Products:** Exposure to fire may liberate carbon dioxide, carbon monoxide, water and other unidentified thermal decomposition products from this product or its packaging.

#### **SECTION 11: TOXICOLOGICAL INFORMATION**

**Eye Contact:** Contact with concentrate may produce moderate to severe transient irritation if not promptly rinsed.

**Skin Contact:** Possible irritation and/or dermatitis from prolonged or repeated contact with concentrate or working solution.

**Inhalation:** No health effects expected other than possible irritation of respiratory tract by wetting agents in spray form.

**Ingestion:** Product is acidic and may cause gastro-intestinal irritation.

**Acute and Chronic Effects:**

**Acute Toxicity:** LD50 1938 mg/Kg (Oral-rat) (Glycolic acid)

**Corrosivity / Irritation:** Skin, eye and respiratory.

**Sensitisation:** This product contains limonene, linalool, turpentine oil (turpentine).

**Repeated Dose Toxicity:** Not established

**Mutagenicity:** None

**Carcinogenicity:** None

**Teratogenicity:** None

#### **SECTION 12: ECOLOGICAL INFORMATION**

**Ecotoxicity:** LD50 164mg/l 96h (Fathead Minnow) (Glycolic acid)

**Mobility:** Soluble in water.

**Persistence and Degradability:** The surfactant(s) contained in this preparation comply with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer.

The major packaging materials of polyethylene and fibreboard are recyclable.

**Bioaccumulative Potential:** Not known.

**Other Effects:** None known or no relevant data available for substances in this preparation.

#### **SECTION 13: DISPOSAL CONSIDERATIONS**

Waste cleaning effluent should be disposed of in accordance with regional and national requirements.

Empty containers should be rinsed with water then crushed and disposed of at legal waste disposal site.

Contact local Environment Agency office for waste holder requirements.

#### **SECTION 14: TRANSPORT INFORMATION**

**UN No:** None

**Classification:** Not classified as hazardous for transport

**Proper Shipping Name:** None

**Packing Group:** None

**Road (ADR):** None

**Sea (IMDG):** None

**Air (ICAO / IATA):** None

**Rail (RID):** None

#### **SECTION 15: REGULATORY INFORMATION**

**Classification:** Not classified as hazardous for supply.

**Risk Phrases**

None

**Safety Phrases**

S2 Keep out of the reach of children.

S24/25 Avoid contact with skin and eyes.

S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S37 Wear suitable gloves.

The information given has been compiled with reference to the **CHEMICALS (HAZARD INFORMATION AND PACKAGING FOR SUPPLY) REGULATIONS (CHIP 3) 2002** (as amended), the **CONTROL OF SUBSTANCES HAZARDOUS TO HEALTH REGULATIONS (COSHH) 2002** (as amended), **REGULATION (EC) NO. 648/2004 ON DETERGENTS** (as amended) and the **MANAGEMENT OF HEALTH AND SAFETY AT WORK REGULATIONS 1999** (as amended).

This safety data sheet does not constitute the users own assessment of workplace risk as required by other health and safety regulations.

#### **SECTION 16: OTHER INFORMATION**

**Risk Phrases:** R10 Flammable. R20 Harmful by inhalation. R21 Harmful in contact with skin. R22 Harmful if swallowed. R34 Causes burns. R36 Irritating to eyes. R37 Irritating to respiratory system. R38 Irritating to skin. R43 May cause sensitisation by skin contact. R50 Very toxic to aquatic organisms. R53 May cause long-term adverse effects in the aquatic environment. R65 Harmful: may cause lung damage if swallowed.

For additional information on safety, training and use of this product, contact the supplier. This product is intended for professional use only.

The information given is intended to be of assistance to users but is without guarantee. Variations can occur in application and users are advised to conduct their own tests. Suggestions for use neither give nor imply any guarantee as to the intended use.

**Revisions:** Replaces SDS B109 Issue / Revision Date 01/10/05  
Revised Sections: 1, 2, 4, 8, 9, 11, 12, 13, 16.